

SHEET-SHAPED CONNECTOR AND PROBE DEVICE

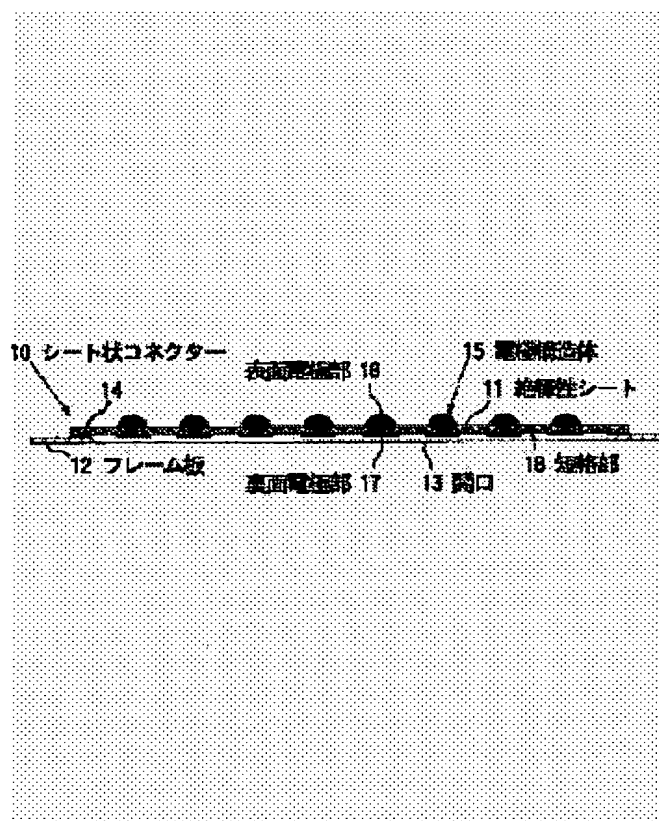
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Abstract of JP2003092317

PROBLEM TO BE SOLVED: To provide a sheet-shaped connector with which a stable electrical-contact state is surely obtained even to an object to be contacted which has a small configuration pitch of electrodes to be contacted, and to provide a probe device with which a satisfactory electrical-contact state can be obtained to the electrodes to be inspected of a circuit device to be inspected, even if the electrodes to be inspected are fine in size and are configured with a small pitch.

SOLUTION: This sheet-shaped connector comprises an insulating sheet and a plurality of electrode structures configured mutually separated in the plane directions and extending by piercing the insulating sheet in its thickness direction. The insulating sheet is constituted by a sheet substrate made of non-woven fabric or mesh, impregnated with an elastic high-polymer substance. The probe device is constituted by being provided with the sheet-shaped connector.



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